

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

L Number	Hits	Search Text	DB	Time stamp
-	1114	biometric with (sens\$4 detect\$3) and (card smartcard)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/20 09:45
-	382	(biometric adj (sensor)) and (card smartcard)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/20 09:46
-	261	(biometric adj (sensor)) and (card smartcard) and (reset\$4 power\$5 boot\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/20 09:56
-	261	(biometric adj (sensor)) and (card smartcard) and ((reset\$4 power\$5 boot\$4) (turn\$3 adj on))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/20 10:01
-	258	(biometric adj (sensor)) and (card smartcard) and ((reset\$4 power\$5 boot\$4) (turn\$3 adj on)) and (stor\$4 with information data)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/20 10:02
-	212	(biometric adj (sensor)) and (card smartcard) and ((reset\$4 power\$5 boot\$4) (turn\$3 adj on)) and (stor\$4 with information data) same (match\$3 compar\$3 validat\$4 verify\$4 verification)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/20 10:04
-	71	(biometric adj (sensor)) and (card smartcard) and ((reset\$4 power\$5 boot\$4) (turn\$3 adj on)) and (stor\$4 with information data) same (match\$3 compar\$3 validat\$4 verify\$4 verification) and (((public private secret) with key) cryptography)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/20 10:07
-	49	(biometric adj (sensor)) and (card smartcard) and ((reset\$4 power\$5 boot\$4) (turn\$3 adj on)) and (stor\$4 with information data) same (match\$3 compar\$3 validat\$4 verify\$4 verification) and (((public private secret) with key) cryptography) and signature	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/20 10:08
-	18	(biometric adj (sensor)) and (card smartcard) and ((reset\$4 power\$5 boot\$4) (turn\$3 adj on)) and (stor\$4 with information data) same (match\$3 compar\$3 validat\$4 verify\$4 verification) and (((public private secret) with key) cryptography) and signature and (authenticat\$4 validat\$4 verify\$4 verification) with (reader detector)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/20 10:15
-	189	(biometric) and (card smartcard) and ((reset\$4 power\$5 boot\$4) (turn\$3 adj on)) and (stor\$4 with information data) same (match\$3 compar\$3 validat\$4 verify\$4 verification) and (((public private secret) with key) cryptography) and signature and (authenticat\$4 validat\$4 verify\$4 verification) with (reader detector)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/20 10:23

-	180	(biometric) and (card smartcard) and ((reset\$4 power\$5 boot\$4) (turn\$3 adj on)) and (stor\$4 with information data) same (match\$3 compar\$3 validat\$4 verify\$4 verification) and (((public private secret) with key) cryptography) and signature and (authentikat\$4 validat\$4 verify\$4 verification) with (reader detector) and (authentikat\$4 validat\$4 verify\$4 verification) with (security device hardware apparatus core)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/20 10:47
-	179	(biometric) and (card smartcard) and ((reset\$4 power\$5 boot\$4) (turn\$3 adj on)) and (stor\$4 with information data) same (match\$3 compar\$3 validat\$4 verify\$4 verification) and (((public private secret) with key) cryptography) and signature and (authentikat\$4 validat\$4 verify\$4 verification) with (reader detector) and (authentikat\$4 validat\$4 verify\$4 verification) with (security device hardware apparatus core) and (identifier id identification)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/20 10:51
-	104	(biometric) and (card smartcard) and ((reset\$4 power\$5 boot\$4) (turn\$3 adj on)) and (stor\$4 with information data) same (match\$3 compar\$3 validat\$4 verify\$4 verification) and (((public private secret) with key) cryptography) and signature and (authentikat\$4 validat\$4 verify\$4 verification) with (reader detector sensor) and (authentikat\$4 validat\$4 verify\$4 verification) with (security device hardware apparatus core) and ((identifier id identification number) with (reader detector sensor))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/20 10:59
-	65	(biometric) and (card smartcard) and ((reset\$4 power\$5 boot\$4) (turn\$3 adj on)) and (stor\$4 with information data) same (match\$3 compar\$3 validat\$4 verify\$4 verification) and (((public private secret) with key) cryptography) and signature and (authentikat\$4 validat\$4 verify\$4 verification) with (reader detector sensor) and (authentikat\$4 validat\$4 verify\$4 verification) with (security device hardware apparatus core) and ((identifier id identification number) with (reader detector sensor)) and tamper\$5	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/20 11:00
-	66	(biometric) and (card smartcard) and ((reset\$4 power\$5 boot\$4) (turn\$3 adj on)) and (stor\$4 with information data) same (match\$3 compar\$3 validat\$4 verify\$4 verification) and (((public private secret) with key) cryptography) and signature and (authentikat\$4 validat\$4 verify\$4 verification) with (reader detector sensor scanner) and (authentikat\$4 validat\$4 verify\$4 verification) with (security device hardware apparatus core) and ((identifier id identification number) with (reader detector sensor scanner)) and tamper\$5	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/20 13:36

-	0	((biometric) and (card smartcard) and ((reset\$4 power\$5 boot\$4) (turn\$3 adj on)) and (stor\$4 with information data) same (match\$3 compar\$3 validat\$4 verify\$4 verification) and ((public private secret) with key) cryptography) and signature and (authentikat\$4 validat\$4 verify\$4 verification) with (reader detector sensor scanner) and (authentikat\$4 validat\$4 verify\$4 verification) with (security device hardware apparatus core) and ((identifier id identification number) with (reader detector sensor scanner)) and tamper\$5) and ("6016476" "6510236").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/20 11:28
-	1	6463537.pn. and authentikat\$3 with reader	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/20 14:00
-	1	6463537.pn. and (device reader sensor) with (identifier id id)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/20 14:00
-	1	6463537.pn. and (device reader sensor) near2 (identifier id id)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/20 14:00
-	66	(biometric adj (sensor)) and (card smartcard) and ((reset\$4 power\$5 boot\$4) (turn\$3 adj on)) and (stor\$4 with information data) same (match\$3 compar\$3 validat\$4 verify\$4 verification) and (public private secret) with key	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/20 14:41
-	514	(sensor detector scanner) same reader same card same security	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/20 14:42
-	13	(sensor detector scanner) same reader same card same security and (authentikat\$4 validat\$4 verify\$4 verification) near2 (sensor detector scanner) and (authentikat\$4 validat\$4 verify\$4 verification) near2 (reader)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/20 14:49
-	86	(sensor detector scanner) same reader same card same security and (authentikat\$4 validat\$4 verify\$4 verification id identifier number code) near2 (sensor detector scanner) and (authentikat\$4 validat\$4 verify\$4 verification id identifier number code) near2 (reader)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/20 14:57
-	73	((sensor detector scanner) same reader same card same security and (authentikat\$4 validat\$4 verify\$4 verification id identifier number code) near2 (sensor detector scanner) and (authentikat\$4 validat\$4 verify\$4 verification id identifier number code) near2 (reader)) not ((sensor detector scanner) same reader same card same security and (authentikat\$4 validat\$4 verify\$4 verification) near2 (sensor detector scanner) and (authentikat\$4 validat\$4 verify\$4 verification) near2 (reader))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/20 14:50

-	144	(sensor detector scanner biometric) same reader same card same security and (authenticat\$4 validat\$4 verify\$4 verification id identifier number code) near2 (sensor detector scanner biometric) and (authenticat\$4 validat\$4 verify\$4 verification id identifier number code) near2 (reader)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/20 15:04
-	58	((sensor detector scanner biometric) same reader same card same security and (authenticat\$4 validat\$4 verify\$4 verification id identifier number code) near2 (sensor detector scanner biometric) and (authenticat\$4 validat\$4 verify\$4 verification id identifier number code) near2 (reader)) not ((sensor detector scanner) same reader same card same security and (authenticat\$4 validat\$4 verify\$4 verification id identifier number code) near2 (sensor detector scanner) and (authenticat\$4 validat\$4 verify\$4 verification id identifier number code) near2 (reader))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/20 14:58
-	333	(sensor detector scanner biometric) same reader same card same security and (authenticat\$4 validat\$4 verify\$4 verification id identifier number code) near2 (sensor detector scanner biometric device module) and (authenticat\$4 validat\$4 verify\$4 verification id identifier number code) near2 (reader device module)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/20 15:05
-	274	(sensor detector scanner biometric) same reader same card same security and (authenticat\$4 validat\$4 verify\$4 verification id identifier number code) near2 (device module) and (authenticat\$4 validat\$4 verify\$4 verification id identifier number code) near2 (device module)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/20 15:06
-	274	((sensor detector scanner biometric) same reader same card same security and (authenticat\$4 validat\$4 verify\$4 verification id identifier number code) near2 (sensor detector scanner biometric device module) and (authenticat\$4 validat\$4 verify\$4 verification id identifier number code) near2 (reader device module)) and ((sensor detector scanner biometric) same reader same card same security and (authenticat\$4 validat\$4 verify\$4 verification id identifier number code) near2 (device module) and (authenticat\$4 validat\$4 verify\$4 verification id identifier number code) near2 (device module))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/20 15:06

-	85	((sensor detector scanner biometric) same reader same card same security and (authenticat\$4 validat\$4 verify\$4 verification id identifier number code) near2 (sensor detector scanner biometric) and (authenticat\$4 validat\$4 verify\$4 verification id identifier number code) near2 (reader)) and ((sensor detector scanner biometric) same reader same card same security and (authenticat\$4 validat\$4 verify\$4 verification id identifier number code) near2 (device module) and (authenticat\$4 validat\$4 verify\$4 verification id identifier number code) near2 (device module))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/20 15:17
-	17	card with embed\$4 with (sensor reader) near(fingerprint biometric)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/07/20 15:21
-	364	((smart adj card) card) with (includ\$3 contain\$3 embed\$4 integrat\$3) with (sensor reader detector scanner) near(fingerprint biometric)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/07/20 15:23
-	81	((smart adj card) card) with (surface embed\$4 integrat\$3) with (sensor reader detector scanner) near(fingerprint biometric)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/07/20 15:23
-	64	(((smart adj card) card) with (surface embed\$4 integrat\$3) with (sensor reader detector scanner) near(fingerprint biometric)) not (card with embed\$4 with (sensor reader) near(fingerprint biometric))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/20 16:47
-	17	"6330670"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/07/20 17:18
-	68500	(authentic\$5 verify\$4 verification validat\$3 validation identify\$3) with (reader wru read\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/07/21 09:18
-	128778	(authentic\$5 verify\$4 verification validat\$3 validation identify\$3) with ((reader read\$3) or wru) and (card adj reader) or (read adj write).	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/07/21 09:19
-	8614	(authentic\$5 verify\$4 verification validat\$3 validation identify\$3) with ((reader read\$3) or wru) and (card adj reader) or (read adj write) and (authentic\$5 verify\$4 verification validat\$3 validation identify\$3) near3 (sensor scanner detect\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/21 09:20
-	6595	(authentic\$5 verify\$4 verification validat\$3 validation identify\$3) with ((reader read\$3) or wru) and (card adj reader) or (read adj write) and (authentic\$5 verify\$4 verification validat\$3 validation identify\$3) near3 (sensor scanner)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/21 09:20

-	6210	(authentic\$5 verify\$4 verification validat\$3 validation identify\$3) with ((reader read\$3) or wru) and (card adj reader) or (read adj write) and (authentic\$5 verify\$4 verification validat\$3 validation identify\$3) near3 (sensor scanner) and (mutual adj authentication)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/21 09:21
-	756	(authentic\$5 verify\$4 verification validat\$3 validation identify\$3) with ((reader read\$3) or wru) with (security secur\$3)and (card adj reader) or (read adj write) and (authentic\$5 verify\$4 verification validat\$3 validation identify\$3) near3 (sensor scanner) with (security secur\$3) and (mutual adj authentication)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/21 09:22
-	154	(authentic\$5 verify\$4 verification validat\$3 validation identify\$3) with ((reader read\$3) or wru) with ((security secur\$3) adj (device engine system module unit)) and (card adj reader) or (read adj write) and (authentic\$5 verify\$4 verification validat\$3 validation identify\$3) near3 (sensor scanner) with ((security secur\$3) adj (device engine system module unit)) and (mutual adj authentication)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/21 10:23
-	0	(authentic\$5 verify\$4 verification validat\$3 validation identify\$3) with ((reader read\$3) or wru) with ((security secur\$3) adj (device engine system module unit)) and ((card adj reader) or (read adj write)) and ((authentic\$5 verify\$4 verification validat\$3 validation identify\$3) near3 (sensor scanner)) with ((security secur\$3) adj (device engine system module unit)) and (mutual adj authentication)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/21 10:23
-	76	(reader or (read\$3 adj (device module unit))) near2 (authentic\$4 handshake) with (system cpu security)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/21 10:26
-	24	(US-5768382-\$ or US-6105008-\$ or US-6125192-\$ or US-6175922-\$ or US-6307956-\$ or US-6463537-\$ or US-6749115-\$ or US-5280527-\$ or US-6655585-\$ or US-6219439-\$ or US-6040783-\$ or US-5864296-\$ or US-6069969-\$ or US-6325285-\$ or US-6547130-\$ or US-6198391-\$ or US-5892211-\$ or US-5319362-\$ or US-6422476-\$).did. or (US-20010040987-\$ or US-20040128249-\$ or US-20030159044-\$ or US-20020067259-\$ or US-20020043562-\$).did.	USPAT; US-PGPUB	2004/07/21 10:38
-	25	(US-5768382-\$ or US-6105008-\$ or US-6125192-\$ or US-6175922-\$ or US-6307956-\$ or US-6463537-\$ or US-6749115-\$ or US-5280527-\$ or US-6655585-\$ or US-6219439-\$ or US-6040783-\$ or US-5864296-\$ or US-6069969-\$ or US-6325285-\$ or US-6547130-\$ or US-6198391-\$ or US-5892211-\$ or US-5319362-\$ or US-6422476-\$ or US-6330670-\$).did. or (US-20010040987-\$ or US-20040128249-\$ or US-20030159044-\$ or US-20020067259-\$ or US-20020043562-\$).did.	USPAT; US-PGPUB	2004/07/21 10:40

-	0	6125192.PN. and (wireless ssl)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/21 17:27
-	2	6125192.PN. and match\$4 with system	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/21 19:42
-	1	6125192.PN. and remov\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/21 19:42